

INTERNATIONAL SEARCH REPORT

Inte onal Application No
PC1/EP2004/052677

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E21B7/18 E21B10/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 887 667 A (VAN ZANTE CRAIG A ET AL) 30 March 1999 (1999-03-30) figure 4	1, 3-5, 12, 15
A	US 2 779 571 A (ORTLOFF JOHN E) 29 January 1957 (1957-01-29) figures 1, 7	1
A	US 3 938 600 A (ESSMEIER DONALD E) 17 February 1976 (1976-02-17) figure 3	1
A	WO 02/092956 A (SHELL CANADA LTD ;BLANGE JAN JETTE (NL); SHELL INT RESEARCH (NL)) 21 November 2002 (2002-11-21) abstract figure 1	1
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

13 January 2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 892 905 A (TOT AANNEMING VAN WERKEN VOOR) 4 April 1962 (1962-04-04) page 1, column 2, lines 46-72 figure 1 -----	1
A	US 6 062 311 A (SCOTT DAVID ET AL) 16 May 2000 (2000-05-16) abstract figure 1 -----	1
A	US 4 119 160 A (SUMMERS DAVID A ET AL) 10 October 1978 (1978-10-10) column 3, lines 14-25 figure 2 -----	1

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US 5887667	A	30-03-1999	NONE		
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